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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/612,468	07/02/2003	Jingwu Z. Zhang	057186.000003

CONFIRMATION NO. 5234

## FORMALITIES LETTER



\*OC000000011893354\*

Attention: J. Wendy Davis, Ph.D.  
 BRACEWELL & PATTERSON, L.L.P.  
 P.O. Box 61389  
 Houston, TX 77208-1389

Date Mailed: 02/12/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

03/18/2004 JDBALINAN 00000141 10612468

01 FC:2051

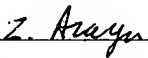
65.00 OP

- \$65 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$ 65.00)****METHOD OF PAYMENT** (check all that apply)☒ Check Enclosed☒ The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:**DEPOSIT ACCOUNT NO.: 50-0259 (57186.03)**

Deposit Account Name:

**BRACEWELL & PATTERSON, L.L.P.****FEE CALCULATION****1. Basic Filing Fee**

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$770	2001	\$385	Utility Filing Fee	\$
1002	\$340	2002	\$170	Design Filing Fee	\$
1003	\$530	2003	\$265	Plant Filing Fee	\$
1004	\$770	2004	\$385	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
<b>Subtotal (1)</b>					\$ -0-

**2. Extra Claim Fees for Utility and Reissue**

Claims	Extra	Fee (below)	Fee Paid
Total	___-20** =	x \$	= \$
Indep.	___- 3** =	x \$	= \$
Multiple Dependent			\$

For Reissues, see below  
\*\*or number previously paid, if greater

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 86	\$ 43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid
\$ 86	\$ 43	**Reissue independent claims over original patent
\$ 18	\$ 9	
<b>Subtotal (2)</b>		\$ -0-

**Complete if Known**

Application Number	10/612,468
Filing Date	07/02/2003
First Named Inventor	Jingwu Z. Zhang et al.
Examiner Name	Unknown
Art Unit	1646
Attorney Docket No.	057186.000003

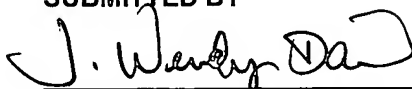
**FEE CALCULATION** (continued)**3. Additional Fees**

Large Fee Code	Large Entity	Small Fee Code	Small Entity	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge - late filing fee or oath	\$ 65.00
1052	\$ 50	2052	\$ 25	Surcharge - late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for ex parte reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$
1252	\$ 420	2252	\$ 210	Extension for reply within second month	\$
1253	\$ 950	2253	\$ 475	Extension for reply within third month	\$
1254	\$1,480	2254	\$ 740	Extension for reply within fourth month	\$
1255	\$2,010	2255	\$1,005	Extension for reply within fifth month	\$
1401	\$ 330	2401	\$ 165	Notice of Appeal	\$
1402	\$ 330	2402	\$ 165	Filing a brief in support of an appeal	\$
1403	\$ 290	2403	\$ 145	Request for oral hearing	\$
1451	\$1,510	1451	\$1,510	Petition to institute a public use proceeding	\$
1452	\$ 110	2452	\$ 55	Petition to revive - unavoidable	\$
1453	\$1,330	2453	\$ 665	Petition to revive - unintentional	\$
1501	\$1,330	2501	\$ 665	Utility issue fee (or reissue)	\$
1502	\$ 480	2502	\$ 240	Design issue fee	\$
1503	\$ 640	2503	\$ 320	Plant issue fee	\$
1460	\$ 130	1460	\$ 130	Petitions to the Commissioner	\$
1807	\$ 50	1807	\$ 50	Processing fee under 37 CFR 1.17(g)	\$
1806	\$ 180	1806	\$ 180	Submission of Information Disclosure Statement	\$
8021	\$ 40	8021	\$ 40	Recording each patent assignment per property (times number of properties)	\$
1809	\$ 770	2809	\$ 385	Filing a submission after final rejection (37 CFR 1.129(a))	\$
1810	\$ 770	2810	\$ 385	For each additional invention to be examined (37 CFR 1.129(b))	\$
1801	\$ 770	2801	\$ 385	Request for Continued Examination (RCE)	\$
1802	\$ 900	1802	\$ 900	Request for expedited examination of a design application	\$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

\*Reduced by Basic Filing Fee Paid

**Subtotal (3)** \$ 65.00**SUBMITTED BY**


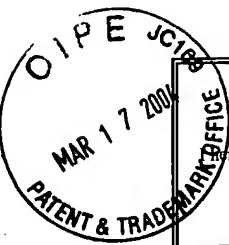
J. Wendy Davis, Ph.D., Reg. No. 46,393

BRACEWELL &amp; PATTERSON, L.L.P.

P. O. Box 61389, Houston, Texas 77208-1389

Telephone: (713) 221-1162 Facsimile: (713) 222-3271

Date: March 15, 2004



CERTIFICATE OF MAILING 37 CFR 1.8(a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date of Deposit: 03/15/2004	By: Teine Lindquist

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of:	§	Docket No.: 057186.000003
Zhang et al.	§	
	§	
Serial No: 10/612,468	§	
	§	
Filed: 07/02/2003	§	Group Art Unit: Unknown
	§	
For: T Cell Receptor CDR3 Sequence	§	
and Methods for Detecting and	§	
Treating Rheumatoid Arthritis	§	Examiner: Unknown

RESPONSE TO NOTICE TO FILE MISSING PARTS

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts mailed February 12, 2004, Applicants hereby submit executed Declaration of Power of Attorney and a substitute computer readable form (CRF) copy of the "Sequence Listing" both on paper and on compact disc. Please note that no new matter has been added.

REMARKS

This is intended to be a complete response to the Notice to File Missing Parts mailed February 12, 2004. If any issues remain, the Examiner is encouraged to call the undersigned.

Respectfully submitted,



J. Wendy Davis, Ph.D.  
Reg. No. 46,393  
Agent for Applicants

Date: March 15, 2004  
BRACEWELL & PATTERSON, L.L.P.  
P. O. Box 61389  
Houston, Texas 77208-1389  
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Fax: (713) 222-3271



**CERTIFICATE OF MAILING 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

March 15, 2004  
Date

Terrie Lindquist  
Terrie Lindquist

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Jingwu Z. Zhang et al.

Serial No.: 10/612,468

Filed: 07/02/2003

For: T CELL RECEPTOR CDR3 SEQUENCE  
AND METHODS FOR DETECTING AND  
TREATING RHEUMATOID ARTHRITIS

§  
§  
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§  
§

Docket No.: 057186.000003

Art Unit: 1646

Examiner: Unknown

**TRANSMITTAL LETTER**

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

1. Response to Notice to File Missing Parts;
2. Copy of Notice to File Missing Parts to be returned with response;
3. Fee Transmittal (in duplicate) and check in the amount of \$65 for a small entity;
4. Substitute computer readable form copy of the Sequence Listing on paper and compact disk;

5. Sequence Compliance Statement; and
6. Our return postcard, which we would appreciate your date stamping and returning to us upon receipt.

I hereby authorize the Director to charge any additional fees that may be required or credit any overpayment to Bracewell & Patterson Deposit Account No. 50-0259 (Order No. 57186.3).

Respectfully submitted,



Date: March 15, 2004

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J. Wendy Davis, Registration No. 46,393  
BRACEWELL & PATTERSON, L.L.P.  
P. O. Box 61389  
Houston, Texas 77208-1389  
Direct Phone: (713) 221-3301  
Direct Fax: (713) 222-3287  
ATTORNEY FOR APPLICANT